



Part Number : 2121950016

Series Number : 212195

Product Category : PCB Headers and Receptacles

Product Description : Sentrality 6.00mm Top-entry, Height Above Board 8.77mm, Surface Mount Socket Assembly with +/-1.00mm Misalignment Capability, Tape and Reel

Status : Active

Documents & Resources

Drawings

- Drawing 2121950016_sd.pdf
- Packaging Design Drawing 2121950016-PK-000.pdf

3D Models and Design Files

- 3D Model 2121950016_stp.zip

Specifications

- Application Specification 2043130006-AS-000.pdf
- Product Specification 2043130006-PS-000.pdf
- Test Summary 2043130006-TS-000.pdf
- Test Summary 2043131234-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	212195
Description	Sentrality 6.00mm Top-entry, Height Above Board 8.77mm, Surface Mount Socket Assembly with +/-1.00mm Misalignment Capability, Tape and Reel
Application	Board-to-Board, Busbar-to-Board, Busbar-to-Busbar, Power
Comments	Current and voltage performances are dependent upon application variables.
Component Type	PCB Receptacle
Product Family	Sentrality Pin and Socket Interconnect System
Product Name	Sentrality
UPC	193264112784

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	140.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	1

Circuits (maximum)	1
Diameter	6.00mm
Durability (mating cycles max)	200
Glow-Wire Capable	No
Guide to Mating Part	Yes
Height Above Board	8.77mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Mating Orientation	Top-entry
Net Weight	6.361/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Retention	None
Pitch - Mating Interface	N/A
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Sentrality Pins	<u>203263</u>